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Practitioner's Docket No.: 791_227

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Tatsuo KAWAGUCHI and Koji KIMURA

Ser. No.: 10/635,408

Art Unit: 2834

Filed: August 6, 2003

Examiner: Not assigned

Confirmation No.: 8800

For: PIEZOELECTRIC ACTUATOR ARRAY AND MANUFACTURING METHOD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 5, 2003 under "EXPRESS MAIL" mailing label number EL 97517 0422 US.

Janet M. Stevens
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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference listed on the attached Form PTO-1449. A copy of the reference listed on Form PTO-1449 is attached.

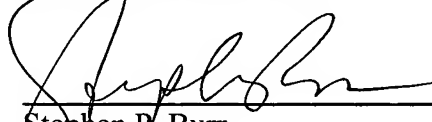
In compliance with the concise explanation requirement under 37 CFR § 1.98(a)(3) for foreign language documents, Reference AA is discussed at page 5, paragraph [0011] of the present specification.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that this reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

November 5, 2003
Date

Respectfully submitted,



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Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/635,408
				Filing Date	August 6, 2003
				First Named Inventor	Tatsuo KAWAGUCHI
				Art Unit	2834
				Examiner Name	Not assigned
				Confirmation No.	8800
Sheet	1	of	1	Attorney Docket No.	791 227

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AA	3058143	08/24/1999	JP			JPO Machine Translation	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.